

Name: _____

Date: _____

Discover the Math
Heart Rate Activity

BLM 1.2

1. Measure your pulse.

a) Count and record your heart rate for 1 min. _____

b) How many times does your heart beat in:

one hour? _____

one day? _____

one year? _____

c) How can you express your answers in part b) in a more compact way?

d) You can round the hummingbird's yearly number of heartbeats to 700 000 000 and write it as a product of a power of 10.

The number of yearly heartbeats can be expressed as $4.0 \times$ _____.

e) The hummingbird's yearly heartbeats can also be thought of as 7 groups of

_____ or 7 groups of one hundred _____.

f) Write the number of times your heart beats in a year as a product of a power of 10.
